



SWITCHING POWER MODULES

SINGLE/DUAL/TRIPLE OUTPUT P.C, CARD/CHASSIS MOUNTING



FEATURES

- AC Input
- Over Voltage & Short Circuit Protection
- High Performance EMI Input Filter
- P.C. Card or Chassis Mounting
- Single, Dual & Triple Output
- Linear Post Regulators

P41, P61, P71 Series

Specifications

Typical at 25°C under full load and nominal input voltage, unless otherwise specified

INPUT

Voltage Range.....90-130 Vac, 47-440 Hz
Universal Input Available
 Inrush Current.....10A peak

OUTPUT

Voltage Accuracy @ FL for Singles..... ±1.0%
 for Singles, +V for Duals, and +5V for Triple Units
 All other voltages.....±3.0%
 Line Regulation: Single Output.....±0.1%
 Load Regulation: Single Output.....±1.0%
 Ripple Noise.....10mVrms
 Temperature Coefficient.....±0.02%/°C typ.
 Transient Response.....1ms max.
 for a 50% to 100% load change

GENERAL

Efficiency.....70% typ.
 Isolation Voltage.....2500 Vrms Isolation
 Resistance.....50MOhms
 Switching Frequency.....40KHz typ.
 Protection.....Over Voltage Protection
Short Circuit Protection

ENVIRONMENTAL

Operating Temperature Range.....-25 to +71°C
 Storage Temperature Range.....-25 to +85°C

PHYSICAL

Weight.....0.90 lb.
 Dimensions.....See Chart and Diagrams

Selection Guide

(Continued)

	Output Voltage (Vdc)	Output Current (mA)	Case	Model Number
SINGLE	5	3500	C	P41
			CT	P41-T
	12	2000	C	P41-12S
			CT	P41-12ST
	15	1800	C	P41-15S
			CT	P41-15ST
DUAL	±5	+2500/-300	C	P61-5
			CT	P61-5T
	±12	+1100/-350	C	P61-12
			CT	P61-12T
	±15	+1100/-350	C	P61-15
			CT	P61-15T
TRIPLE	±12 / 5	±350 / 2200	C	P71-12
			CT	P71-12T
	±15 / 5	±350 / 2200	C	P71-15
			CT	P71-15T

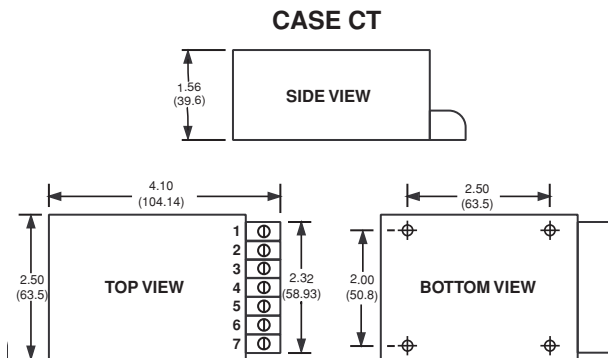
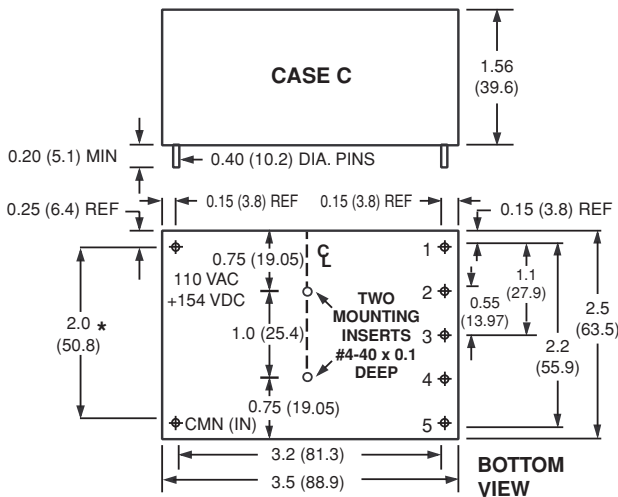
Mechanical Specifications

PC CARD MOUNTING - CASE C

I/O Connections			
TERMINAL	SINGLE	DUAL	TRIPLE
1	N/C	-Vdc	CMN (5)
2	No Pin	No Pin	+5Vdc
3	CMN	CMN	-12 / -15
4	No Pin	No Pin	CMN (12/15)
5	+Vdc	+Vdc	+12 / +15

CHASSIS MOUNTED UNITS - CASE CT

I/O Connections			
TERMINAL	SINGLE	DUAL	TRIPLE
7	110Vac	110Vac	110Vac
6	N/C	N/C	N/C
5	CMN (In)	CMN (In)	CMN (In)
4	N/C	N/C	+5Vout
3	N/C	-Vout	-Vout
2	CMN (Out)	CMN (Out)	CMN (Out)
1	+Vout	+Vout	+Vout



* For 2.2" pin spacing, add suffix "22" to model number

All Dimensions are in inches (mm)



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